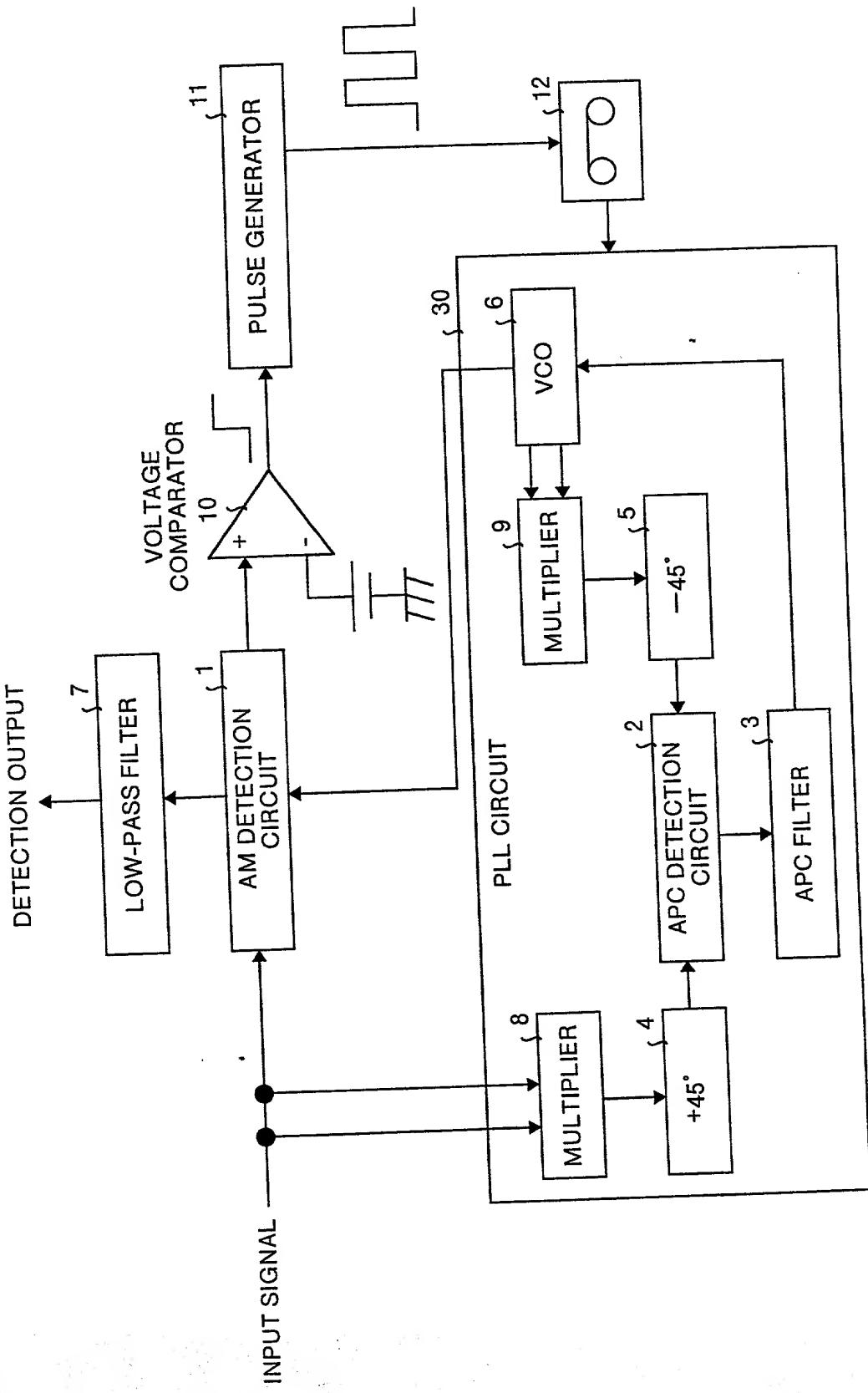


FIG. 1

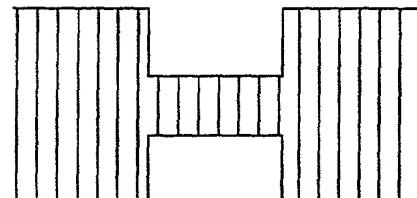


Title: AM DEMODULATOR  
Inventors: Osamu NISHIKIDO  
Atty Docket No.: 401442  
Leydig, Voit & Mayer, Ltd. 202-737-6770

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**FIG.2A**

INPUT SIGNAL



**FIG.2B**

PHASE  
DIFFERENCE 0°

NON-SIGNAL  
POTENTIAL



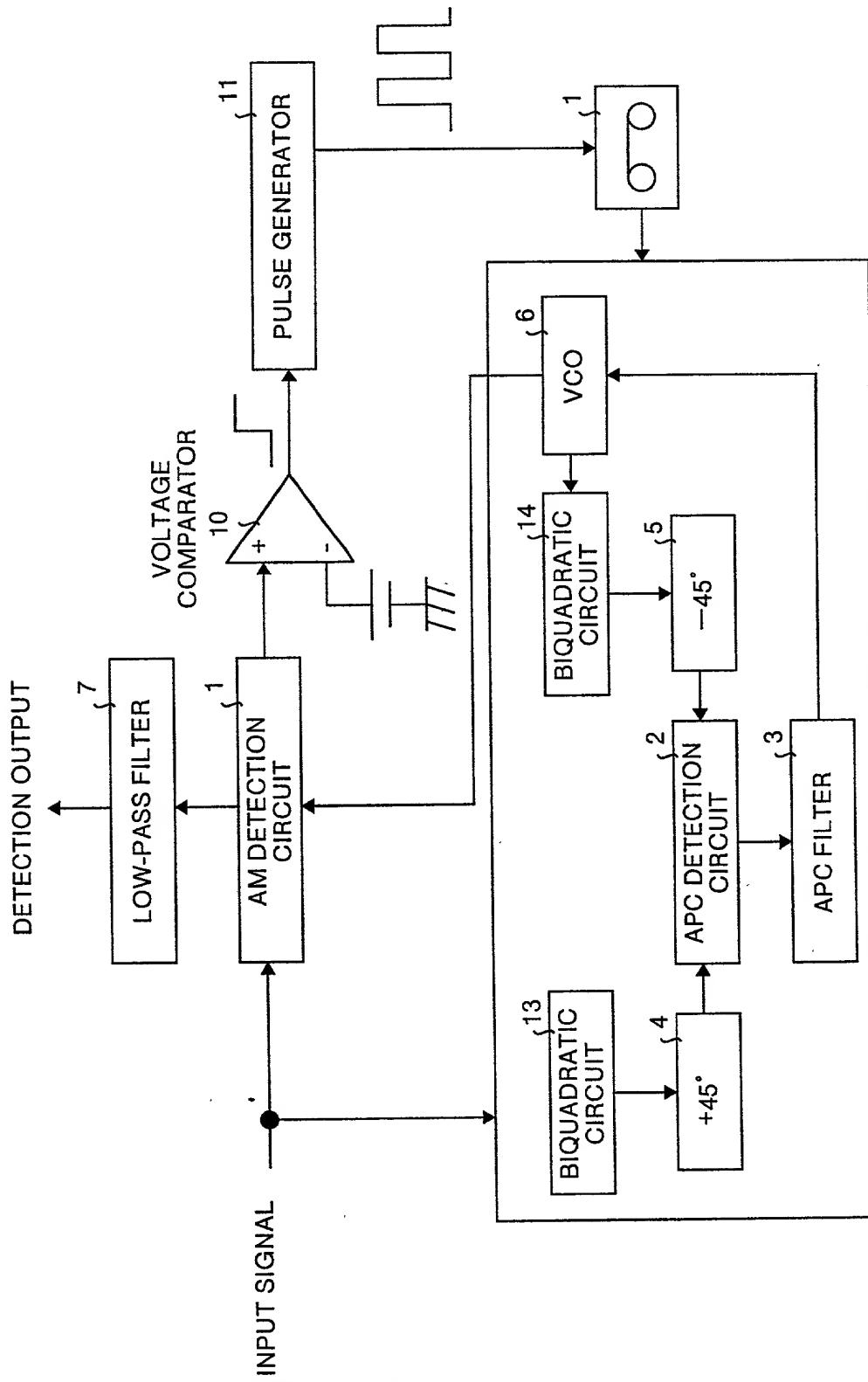
**FIG.2C**

PHASE  
DIFFERENCE 180°

NON-SIGNAL  
POTENTIAL

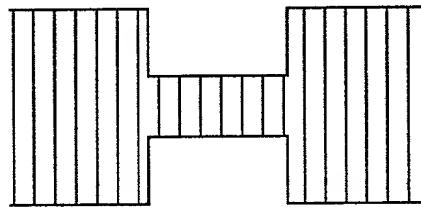


FIG.3



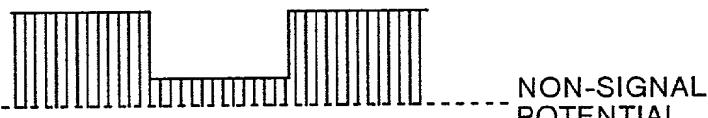
**FIG.4A**

INPUT SIGNAL



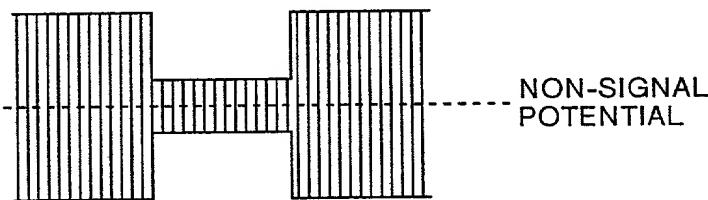
**FIG.4B**

PHASE  
DIFFERENCE 0°



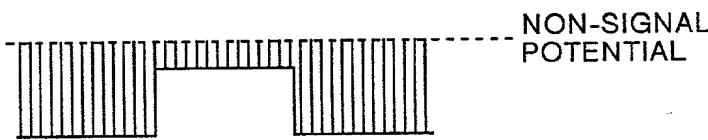
**FIG.4C**

PHASE  
DIFFERENCE 90°



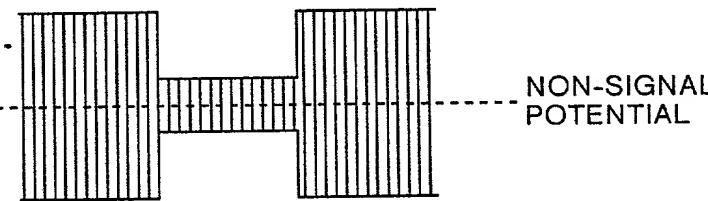
**FIG.4D**

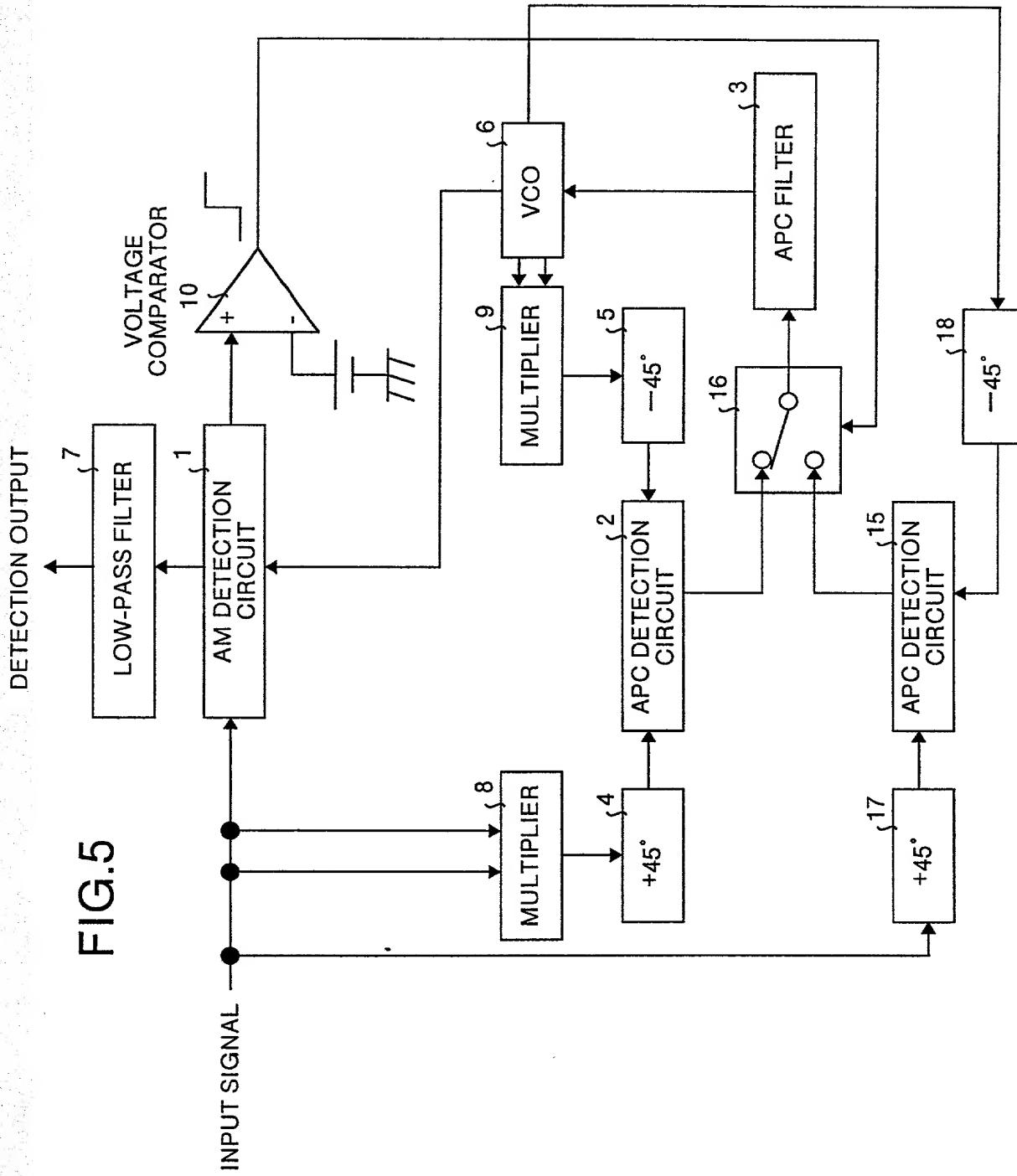
PHASE  
DIFFERENCE 180°



**FIG.4E**

PHASE  
DIFFERENCE 270°





DETECTION OUTPUT

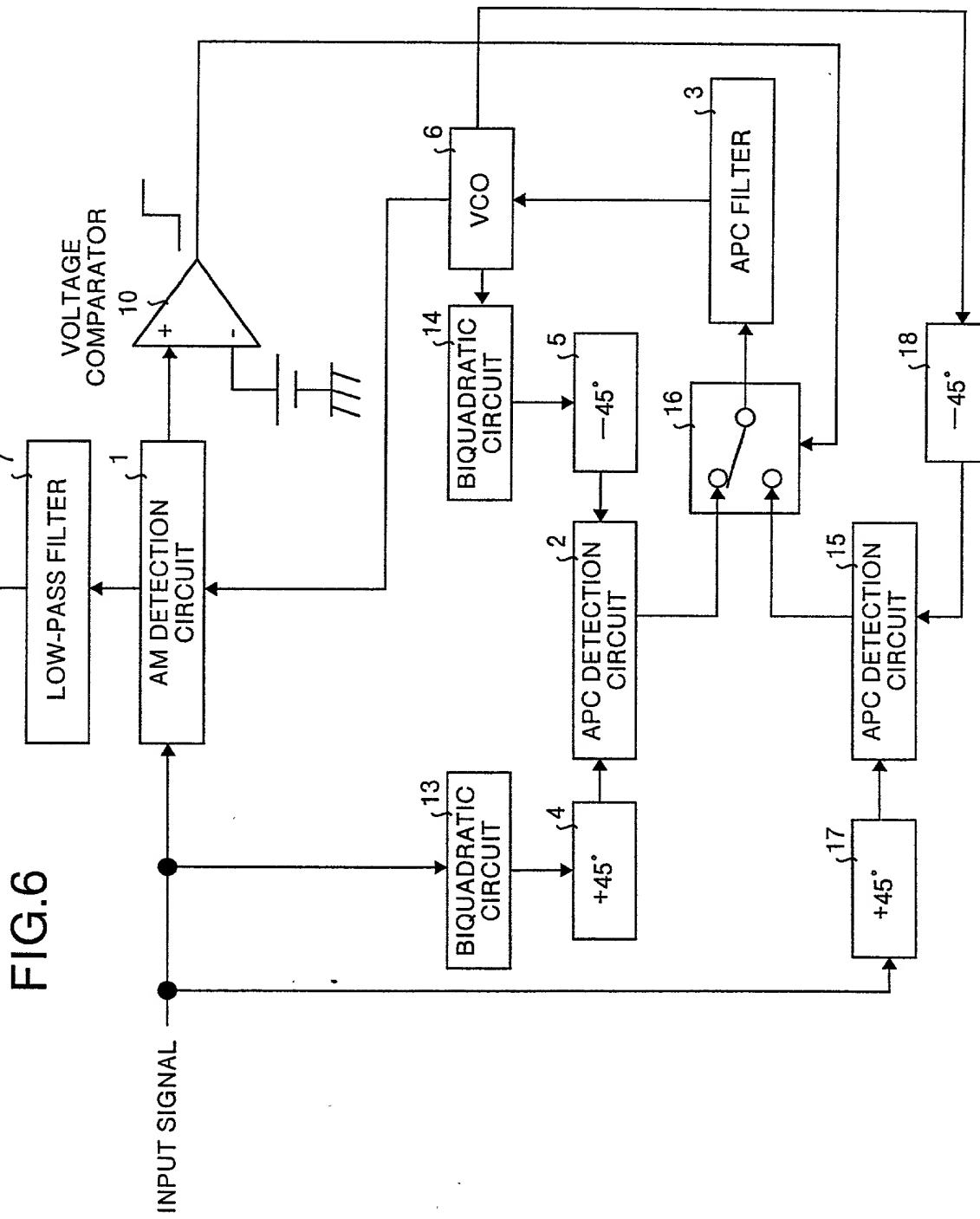
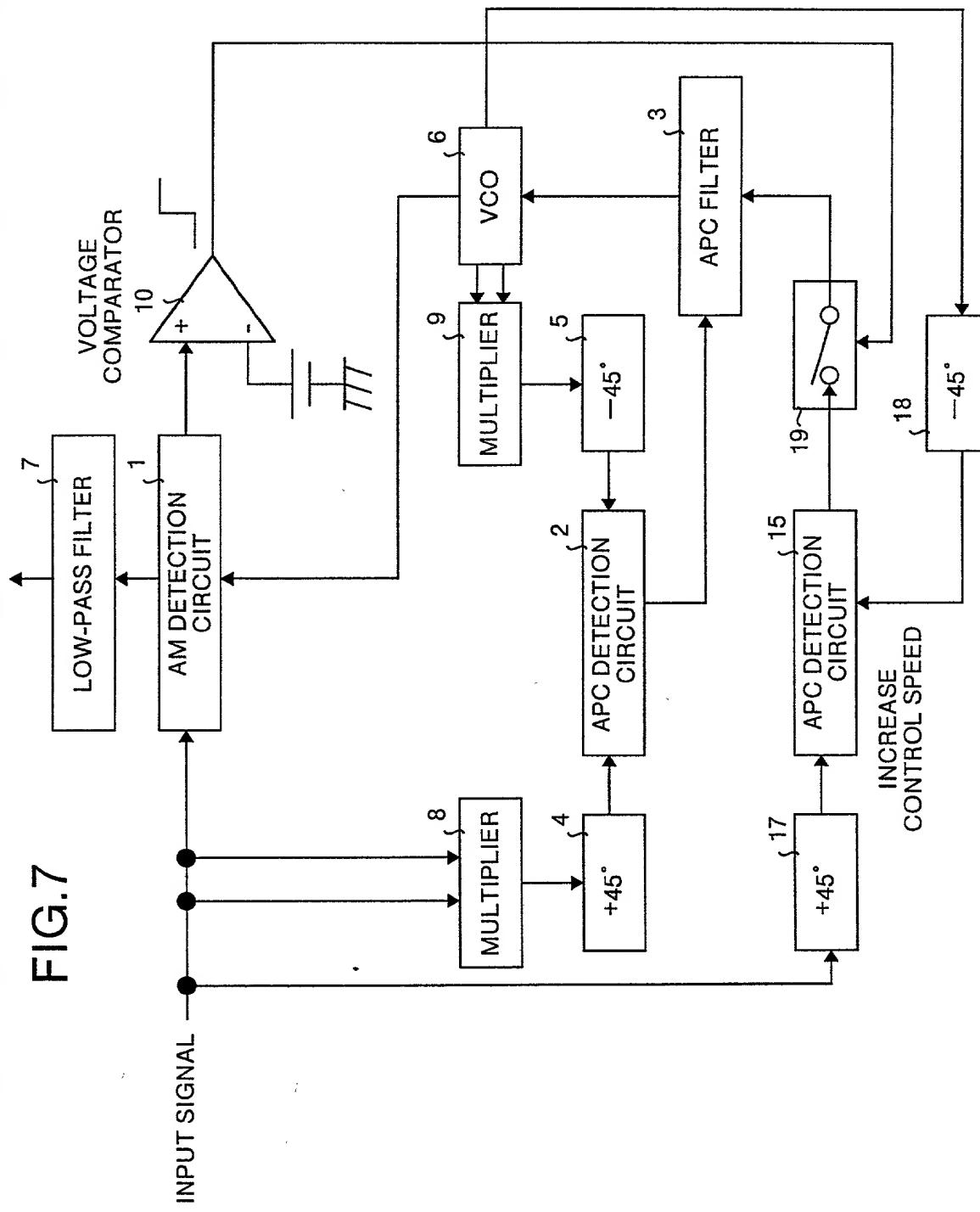
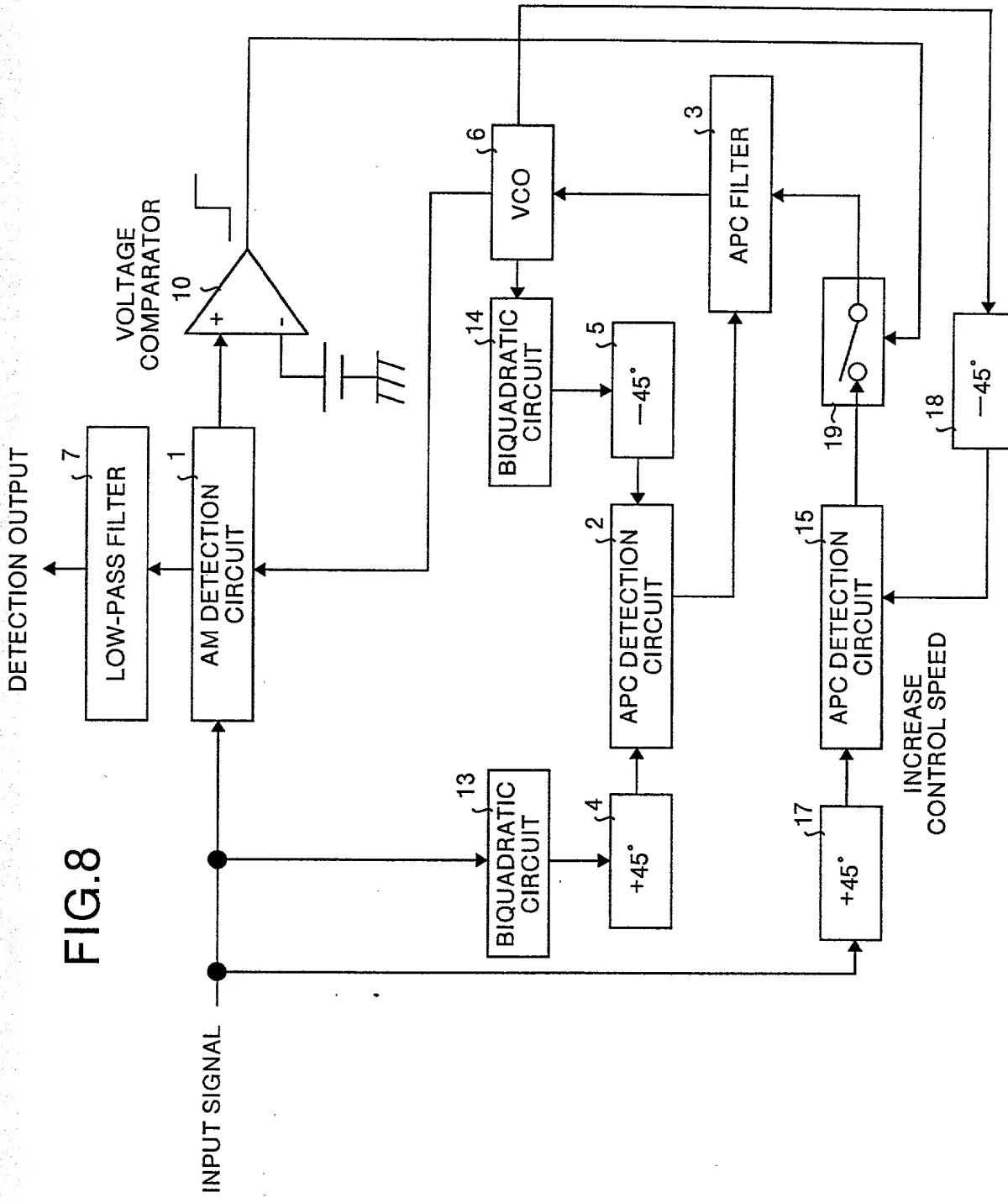


FIG. 7





DETECTION OUTPUT

FIG.9

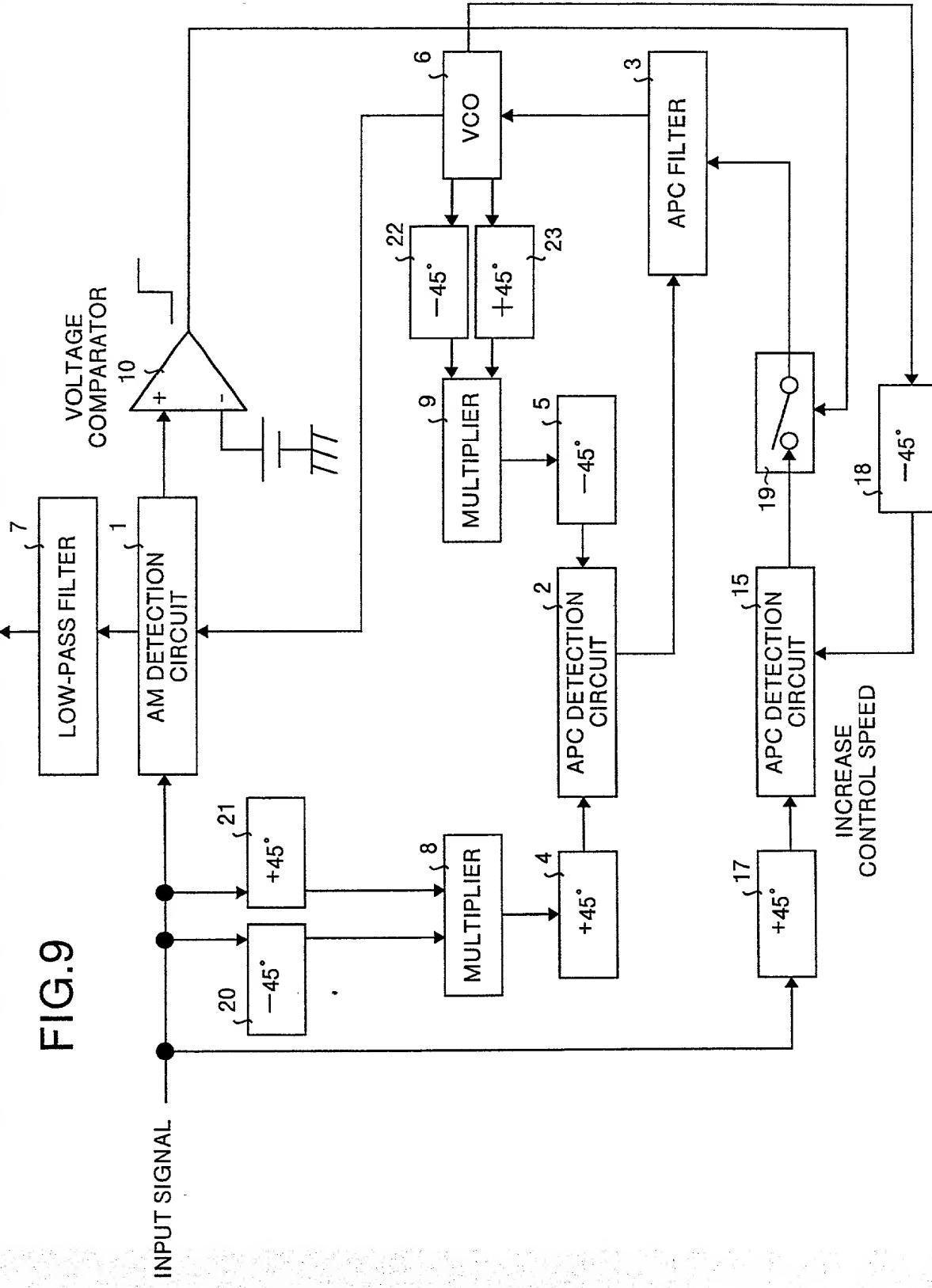


FIG.10

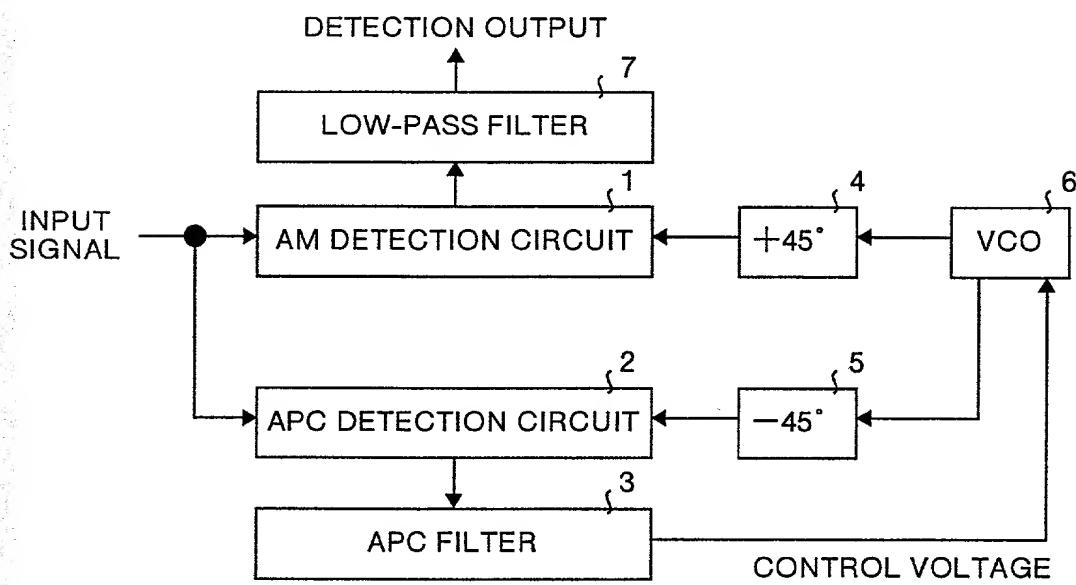


FIG.11A

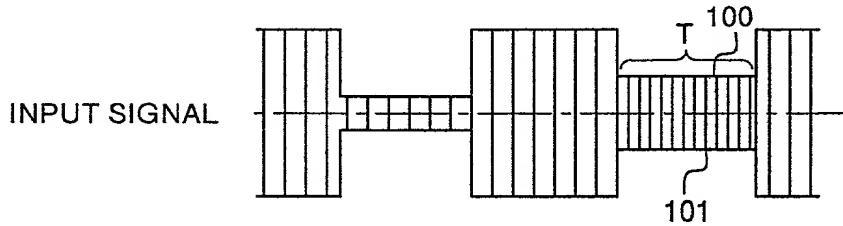


FIG.11B

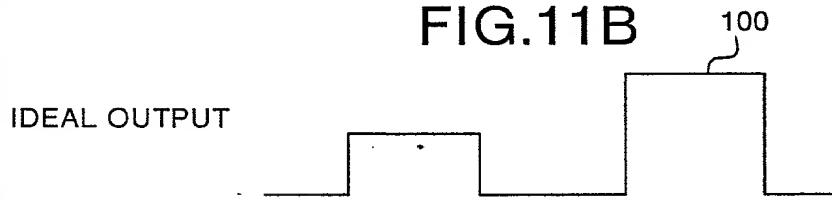


FIG.11C

